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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: DX0589K1

SERIAL NO.: 08/887,977

INFORMATION DISCLOSURE STATEMENT **FOR PATENT**

APPLICANT:

Wei WANG, et al.

(Use several sheets if necessary)	FILING DATE: July 3, 1997

GROUP:

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FORM PTO-U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO.: SERIAL NO.: PATENT AND TRADEMARK OFFICE 08/887,977 DX0589K1 APPLICANT: INFORMATION DISCLOSURE STATEMENT Wei WANG, et al. FOR PATENT FILING DATE: **GROUP:** 1646 (Use several sheets if necessary) July 3, 1997 not yet assigned U.S. PATENT DOCUMENTS EXAMINER DOCUMENT DATE NAME **CLASS** SUB-FILING DATE IF **APPROPRIATE CLASS** NUMBER INITIAL FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUB-TRANSLATION **CLASS** YES NO NUMBER OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Sunil K. Ahuja, et al., Immunol. Today 15:281-287. 1994. DUS. "Chemokine Receptors and Molecular Mimicry" Ghalig Alkatib, et al., Science 272:1955-1958, June 28, 1996. AΒ "CC CKR5: A RANTES, MIP-1α, MIP-1β Receptor as a Fusion Cofactor for Macorphage-Tropic HIV-1" Kevin B. Bacon, et al., Int. Arch. Allergy Immunol. 109:97-109, 1996. AC "Chemokines as Mediators of Allergic Inflammation" Michael Balter, Science 272:1740, June 21, 1996. AD "A Second Coreceptor for HIV in Early Stages of Infection" lan Clark-Lewis, et al., J. Leukoc. Biol. 57:703-711, 1995. AΕ "Structure-Activity Relationships of Chemokines" HongKui Deng, et al., Nature 381:661-666, June 20, 1996. ΑF "Identification of a Major Co-Receptor for Primary Isolates of HIV-1" Tatiana Dragic. et al., Nature 381:667-673, June 20, 1996. AG "HIV Entry into CD4+ Cells is Mediated by the Chemokine Receptor CC-CKR-5" Angela M. Gronenborn, et al., Prot. Engg. 4:263-269, 1991. "Modeling the Three-Dimensional Structure of the Monocyte Chemo-Attractant and Activating Protein MCAF/MCP-1 on the Basis of the Solution Structure of Interleukin-8" R. Horuk, et al., J. Leukoc. Biol. 59:29-38, January 1996.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages,) Derwent Geneseq Patent Sequence Database, Accession Number 98P-W41938. citing: WO 9748807 A1, dated 971224; WO 96-US10561, dated 960617. est "Search record pertaining to mouse TECK performed on 07-JUL-1998" Derwent Geneseq Patent Sequence Database, Accession Number 98P-W44397, citing: WO 9801557 A2, dated 980115; US 97-48593, dated 970604; US 96-675814, dated 960705; US 96-28329, dated 961011. "Search record pertaining to mouse TECK performed on 07 JUL 1998" CAPLUS, USPATFULL Database, Accession Number 1997: 579811 CAPLUS citing: BU WO 9731098 A1, dated 970828; WO 96-US2598, dated 960223. "Search record pertaining to human MIP3a, performed in FEB-1998" CAPLUS, USPATFULL Database, Accession Number 1996: 449808 CAPLUS citing: BV WO 9616979 A1, dated 960606; WO 95-US15484, dated 951129; US 94-347492, dated 941129. "Search record pertaining to human MIP3a, performed in FEB-1998" CAPLUS, USPATFULL Database, Accession Number 1996: 340695 CAPLUS citing: BW WO 9605856 A1, dated 960229; WO 94-US9484, dated 940823. "Search record pertaining to human MIP3α, performed on 17-FEB-1998" Derwent Geneseq Patent Sequence Database, Accession Number 98P-W44398, citing: BX WO 9801557 A2, dated 980115; US 97-48593, dated 970604; US 96-675814, dated 960705; US 96-28329, dated 961011. "Search record pertaining to human MIP3α, performed on 07-JUL-1998" Derwent Geneseq Patent Sequence Database, Accession Number 96P-R95690, citing: BY WO 9616979 A1, dated 960606; US 94-347492, dated 941129. "Search record pertaining to human MIP3α, performed on 07-JUL-1998" <u>Derwent Geneseq Patent Sequence Database</u>, Accession Number 96P-R93086, citing: ΒZ WO 9605856 A1, dated 960229; WO 94-US9484, dated 940823; ZA 94-6936, dated "Search record pertaining to human MIP3α, performed on 07-JUL-1998" 940908. Derwent Geneseq Patent Sequence Database, Accession Number 19P-W22669, citing: CA WO 9731098 A1, dated 970828; WO 96-US2598, dated 960223. "Search record pertaining to human MIP3α, performed on 07-JUL-1998" Derwent Genesea Patent Sequence Database, Accession Number 97P-W17660, citing: CB WO 9715594, dated A1 970501; US 95-6051, dated 951024. "Search record pertaining to human MIP3α, performed on 07-JUL-1998" Derwent Geneseq Patent Sequence Database, Accession Number 98P-W44399, citing: CC WO 9801557, dated A2 980115; US 97-48593, dated 970604; US 96-675814, dated 960705; US 96-28329, dated 961011. "Search record pertaining to human MIP3β, performed on 06-JUL-1998" Clubber C. Kommer DATE CONSIDERED 6/4/61 **EXAMINER**

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Wei WANG, et al.

FOR PATENT FILING DATE: **GROUP:** (Use several sheets if necessary) 1646 July 3, 1997 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages,) Derwent Geneseq Patent Sequence Database, Accession Number 92P-R28272, citing: DA WO 9218641 A, dated 921029; US 91-685101, dated 910410; US 91-726606, dated 910709; US 91-803842, dated 911209. "Search record pertaining to human CCR6 (seg.1/2), performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 95P-R80951, citing: WO 9525126 A1, dated 950921; US 94-237937, dated 940502; US 94-210250, dated 940315. "Search record pertaining to human CCR6 (seg. 1/2/3), performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 95P-R80756, citing: US 5440021 A. dated 950808; US 94-202056, dated 940225; US 91-677211, dated 910329. "Search record pertaining to human CCR6 (seg. 2/3), performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 95P-R70123, citing: DD WO 9506737 A, dated 950309; GB 93-18350, dated 930903; GB 94-17021, dated 940823. "Search record pertaining to human CCR6 (seg. 2/3),performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 95P-R68811, citing: DΕ WO 9428931 A. dated 941222; US 93-76093, dated 930611. "Search record pertaining to human CCR6 (seg. 2/3), performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 92P-R27791, citing: DF WO 9217497 A, dated 921015; US 91-677211, dated 910329; US 91-810782, dated 911219. "Search record pertaining to human CCR6 (seg. 2/3), performed on 07-JUL-1998" Derwent Geneseq Patent Sequence Database, Accession Number 95P-R80952, citing: DG WO 9525126 A1, dated 950921; US 94-237937, dated 940502; US 94-210250, dated 940315. "Search record pertaining to human CCR6 (seg. 2/3), performed on 07-JUL-1998" Derwent Geneseq Patent Sequence Database, Accession Number 94P-R53932, citing: JP 06100595 A, dated 940412; JP 91-149245, dated 910527. "Search record pertaining to human CCR6 (seg. 2), performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 92P-R28272, citing: DI WO 9218641 A, dated 921029; US 91-685101, dated 910410; US 91-726606, dated 910709; US 91-803842, dated 911209. "Search record pertaining to human CCR6 (seg. 3), performed on 07-JUL-1998" Derwent Geneseg Patent Sequence Database, Accession Number 95P-R80758, citing: DJUS 5440021 A, dated 950808; US 94-202056, dated 940225; US 91-677211, dated 910329. "Search record pertaining to human CCR6 (seg. 3), performed on 07-JUL-1998" Ellabor C. Kemmen DATE CONSIDERED 6/4/01 EXAMINER *EXAMINER! Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to



U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT FOR PATENT (Use several sheets if necessary)

ATTY, DOCKET NO.: SERIAL NO.: 08/887,977 DX0589K1 APPLICANT: Wei WANG, et al.

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